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NASA Procedural Requirements

COMPLIANCE IS MANDATORY**NPR 1080.1A**
Effective Date: May 30, 2008
Expiration Date: May 30,
2013[Printable Format \(PDF\)](#)

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 (NASA Only)**Subject: Requirements for the Conduct of NASA Research and Technology (R&T)****Responsible Office: Science Mission Directorate**[| TOC](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [Chapter4](#) | [Chapter5](#) | [Chapter6](#) | [AppendixA](#)
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Chapter 5. Quality, Publication and Disseminating Results, and Data Protection

5.1 Responsibilities

5.1.1 NASA and NASA sponsored investigators are responsible for the quality of the R&T information submitted for publication or presented at technical meetings.

5.1.2 When scientific and technical information (STI) is released by NASA, NPR 2200.2, Requirements for Documentation, Approval, and Dissemination of NASA Scientific and Technical Information shall be followed for obtaining approval for dissemination of the information.

5.2 Quality of R&T Information

5.2.1 The OMB defines "quality" of R&T information as the encompassing term, of which "utility," "objectivity" and "integrity" are the constituents. "Utility" refers to the usefulness of the information to the intended users. "Objectivity" focuses on whether the disseminated information is being presented in an accurate, clear, complete and unbiased manner, and as a matter of substance, is accurate, reliable and unbiased. "Integrity" refers to security -- the protection of information from unauthorized access or revision to ensure that the information is not compromised through corruption or falsification.

5.2.2 NASA conforms to these requirements by using program/project reviews as discussed in NPR 7120.8, NASA Research and Technology Program and Project Management Requirements to ensure utility and objectivity. External peer review as described in Paragraph 4.2.2 of the present document is also utilized by NASA to measure utility and objectivity of R&T programs. Integrity is maintained through compliance with the requirements established in Section 5.4..

5.3 Publication and Disseminating Results

5.3.1 NASA and NASA-sponsored investigators shall publish or disseminate the results of NASA R&T activities using mechanisms that include the NASA Scientific and Technical Information (STI) Report Series, NASA websites, and non-NASA scientific and technical channels such as professional society journals, conference presentations, or conference proceedings. NASA policy and requirements for STI are described in the NPD 2200.1, Management of NASA Scientific and Technical Information and NPR 2200.2, Requirements for Documentation, Approval and Dissemination of NASA Scientific and Technical Information.

5.3.2 In order to ensure that high quality standards are maintained, NASA investigators and NASA-sponsored investigators should publish research results in the peer-reviewed literature to the greatest practical extent. Peer review of results, methodologies, and techniques helps ensure technical excellence of research conducted or

supported by NASA.

5.3.3 Technical publications and reports resulting from grants and cooperative agreements shall be provided as required by Code of Federal Regulations 14 CFR, Part 1260, Grants and Cooperative Agreements.

5.3.4 NASA and NASA-sponsored investigators should also support education and public outreach, collaborate with the NASA's Public Affairs Office in preparing press releases and related materials, and engage in community service activities such as serving on peer review panels and advisory bodies.

5.4 Data Protection

5.4.1 Protection of R&T data and documents shall be in accordance with the following:

- a. NPD 1440.6, NASA Records Management (regarding proper archiving and disposal of Federal records).
- b. NPD 1600.2, NASA Security Policy.
- c. NPR 1600.1, NASA Security Program Procedural Requirements.
- d. NPR 2810.1, Security of Information Technology (regarding the integrity of data and protection from authorized access or change).
- e. NPR 7500.1, NASA Technology Commercialization Process (regarding data rights).
- f. NPD 2200.1, Management of NASA Scientific and Technical Information.
- g. NPR 2200.2, Requirements for Documentation, Approval, and Dissemination of NASA Scientific and Technical Information (regarding special handling for data with export control and other restrictions).

5.5 Record Retention

5.5.1 All documentary information, regardless of format, made or received in the course of conducting NASA R&T programs are Federal records and shall be maintained, safeguarded, and dispositioned in accordance with the requirements of NPR 1441.1, NASA Records Retention Schedules.

5.6 Data Availability

5.6.1 The results of NASA R&T efforts shall be provided the widest practicable and appropriate dissemination, while precluding the inappropriate dissemination of sensitive but unclassified information.

5.6.2 Per NPD 2200.1, NASA and NASA-funded investigators shall disseminate STI in a manner consistent with U.S. laws and regulations, Federal information policy, intellectual property rights, technology transfer protection requirements, and budgetary and technological limitations.

5.6.3 NASA shall place no requirements on publication or dissemination solely by contractors or grantees of the results of R&T conducted under a NASA contract or grant. Contractors and grantees have the right to publish or disseminate STI first produced by the contractor or grantee in the performance of a contract or grant, except to the extent such STI may be subject to Federal export control or national security laws or regulations, or unless otherwise provided in the contract or grant.

5.6.4 To the extent a contractor or grantee receives or is given access to STI necessary for the performance of a contract or grant which contains restrictive markings, the STI shall be treated in accordance with the markings. Such restrictive markings identify specific STI which can be used only for specific purposes and which must not be disclosed or disseminated.

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